

Remarks

Reconsideration of this Application is respectfully requested.

Upon entry of the foregoing amendments, claims 1-29 and 31 are pending in the application, with claims 1-3, 6, 8 and 10 being the independent claims.

Claims 30 and 32 are sought to be cancelled without prejudice to or disclaimer of the subject matter therein. Claims 1, 2, 4-6, 8 and 10 have been amended. These changes are believed to introduce no new matter, and their entry is respectfully requested.

Based on the above amendments and the following remarks, Applicants respectfully request that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn.

Objections to the Specification

The specification was objected to as allegedly containing the following informalities:

[I]n [0024] (third line), Applicants need to delete "any". In [0025], third line, applicants need to insert --which-- between "group," and "is". In [0026], first line following the chemical formula, applicants need to change "wherein R₁, R₂ and R₄ are" to --wherein R₁ and R₂ are--. In [0027], first line following the chemical formula, applicants need to change "wherein R₁, R₂, and R₄ are" to --wherein R₁ and R₂ are--. In [0028], first line following the chemical formula, applicants need to change "wherein R₁, R₂, and R₄ are each independently" to --wherein R₄ is--. In [0033], fourth line, applicants need to delete "norbornene". In [0034], fourth line, applicants need to delete "norbornene".

The specification has been amended accordingly. It is respectfully requested that the objections to the specification be withdrawn.

Objections to the Claims

The Examiner has objected to claim 4 as allegedly failing to further limit the subject matter of claim 1, stating that when the alcoholic compound of Formula (III) is reacted with acryloyl chloride or methacryloyl chloride, the monomer of Formula (I) cannot be obtained. The phrase "acryloyl chloride and methacryloyl chloride" has been deleted from claim 4.

The Examiner has objected to claim 5 as allegedly failing to further limit the subject matter of claim 2, stating that when the compound of Formula (III) is reacted with 2-chlorocarbonyl-5-norbornene, the monomer of Formula (II) cannot be obtained. The phrase "2-chlorocarbonyl-5-norbornene" has been deleted from claim 5.

It is respectfully requested that the objections to claims 4 and 5 be withdrawn.

Rejections Under 35 U.S.C. § 112, Second Paragraph

Claims 1, 4, 12, and 18 were rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite. The Examiner stated that claim 1 refers to R₄, but there is no R₄ in Formula (I). "R₄" has been deleted from claim 1.

Claims 2, 5, 13, 14, 19, and 20 were rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite. The Examiner stated that claim 2 refers to R₁ and R₂, but there is no R₁ or R₂ in Formula (II). "R₁ and R₂" has been deleted from claim 2.

Claim 4 was rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite. The Examiner stated that when the alcoholic compound of Formula

(III) is reacted with acryloyl chloride or methacryloyl chloride, the monomer of Formula (I) cannot be obtained. The phrase "acryloyl chloride and methacryloyl chloride" has been deleted from claim 4.

Claim 5 was rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite. The Examiner stated that when the compound of Formula (III) is reacted with 2-chlorocarbonyl-5-norbornene, the monomer of Formula (II) cannot be obtained. The phrase "2-chlorocarbonyl-5-norbornene" has been deleted from claim 5.

Claims 6, 7, 15, 21, 24, 27, and 30 were rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite. The Examiner stated that claim 6 refers to R_4 , but there is no R_4 in Formula (IV). " R_4 " has been deleted from claim 6. The Examiner also stated that claim 6 recites that "n", the degree of polymerization, is an integer from 1 to 1000, however, that when n is 1 the compound is a monomer, not a polymer. Claim 6 has been amended to recite "A monomer or polymer represented by"

Claims 8, 9, 16, 22, 25, 28, and 31 were rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite. According to the Examiner, claim 8 refers to R_4 , but there is no R_4 in Formula (V). " R_4 " has been deleted from claim 8.

Claims 10, 11, 17, 23, 26, 29, and 32 were rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite. According to the Examiner, claim 10 refers to R_1 and R_2 , but there is no R_1 and R_2 in Formula (VI). " R_1 and R_2 " has been deleted from claim 10.

Claim 10 also recites that "n", the degree of polymerization, is an integer from 1 to 1000. The Examiner alleged that when n is 1 the compound is not a polymer, but a

monomer. Claim 10 has been amended to recite "A monomer or polymer represented by"

In view of the above, it is respectfully requested that the rejections under 35 U.S.C. § 112, second paragraph, be withdrawn.

Rejections Under 35 U.S.C. § 102

Claims 30-32 were rejected under 35 U.S.C. § 102(b) as allegedly being anticipated by Ramsbey *et al.* (U.S. Pat. No. 6,667,243). Sechi *et al.* (U.S. Pat. No. 4,732,838) was also cited in support. Applicants respectfully traverse.

In order for a claim to be anticipated, each and every element of the claim must be present in the cited document. Claims 30, 31, and 32 are ultimately dependent on claims 6, 8, and 10, respectively. Neither Ramsbey *et al.* nor Sechi *et al.* teach the compounds required by claims 6, 8, and 10. Thus, claims 30, 31, and 32 are not anticipated. It is respectfully requested that the rejections under 35 U.S.C. § 102(b) be withdrawn.

Allowable Claim

The Examiner has indicated that claim 3 is allowable.

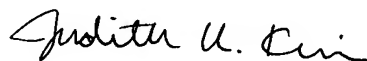
Conclusion

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicants believe that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Judith U. Kim
Attorney for Applicants
Registration No. 40,679

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1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600